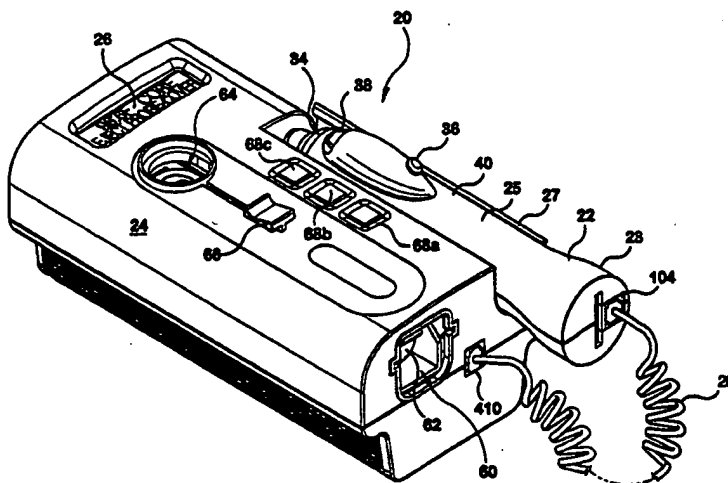




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(54) Title: TYMPANIC THERMOMETER WITH MODULAR SENSING PROBE



(57) Abstract

A two-piece portable, self-contained tympanic thermometer temperature measuring system (20) includes a measuring unit (22), and a base unit (24). The measuring unit (22) can be ergonomically designed as a compact, pencil-shaped, easy to hold unit that includes a removable sensing module (100) that interfaces with the base unit (24) and/or other host via digital signaling.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/11247

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :A61B 5/103

US CL :600/549

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 374/121, 158; 600/549, 559

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

APS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,340,215 A (MAKITA et al.) 23 August 1994, col. 4.	15-18
Y		1-11, 71, 72, 75-77, 80, 81
X	US 5,167,235 A (SEACORD et al.) 01 December 1992, Abstract.	19, 20
Y		21, 46
Y	US 5,619,195 A (ALLEN et al.) 08 April 1997, col. 2.	1-11, 21, 75, 80, 81
Y	US 5,018,872 A (SUSZYNSKI et al.) 28 May 1991, Fig. 2.	43, 44

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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International application No.
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,536,851 A (GERMANTON et al.) 20 August 1985, col. 6.	47
Y	US 5,169,235 A (TOMINAGA et al.) 08 December 1992, Fig. 2.	50, 54, 55, 64, 68, 78
Y	US 5,458,121 A (HARADA) 17 October 1995, col. 5.	56
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